

Atomic Structure Worksheet

The atomic number of an element is the number of protons in the nucleus of an atom. The mass number is the total number of protons plus neutrons in the nucleus of an atom. Use the periodic table to help you complete the chart below. Remember to round the atomic mass to the nearest whole number to get the mass number if the number of neutrons is not given.

Element	Atomic Number	Mass Number	Number of Protons	Number of Neutrons	Number of electrons
X	11	23	11	12	11
Y		27			13
R		12	6	6	
S		1		0	1
T	16			16	
U		20	10		
Z			19	20	
Q			8	8	8